

# Boeing 757 conversion capability



In August 2010, we introduced a second conversion line for the Boeing 757 PTF programme in Singapore, bringing the total aircraft lines for this conversion at ST Aerospace to five. Today, the work is spread over two locations – in Mobile, Alabama and Singapore – and we have successfully completed converting 30 of the 87 aircraft contracted by FedEx Express.

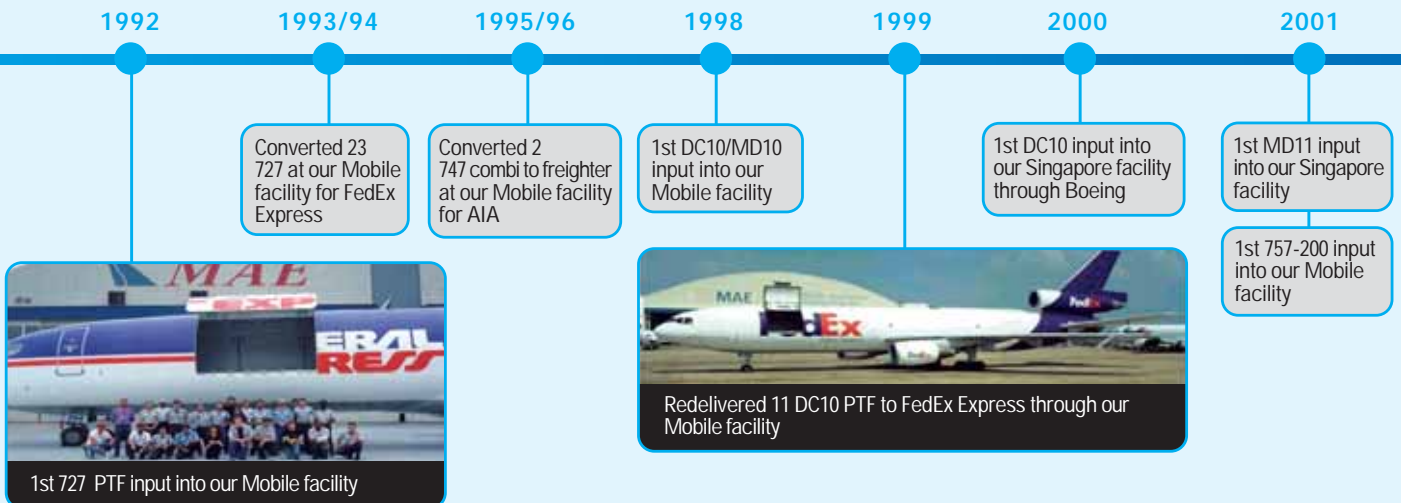
Our expertise and experience in the 757 freighter conversion validate the claim that we are truly one of the few MRO providers in the world with an in-house aircraft design engineering capability that offers a wide range of customised engineering and design solutions. Importantly, as a licensee of Boeing data, we bring customers the benefits of Boeing's continued product support system during the operational life of their 757 aircraft.

ST Aerospace first commenced the 757 PTF conversion programme in 2004 when Boeing licensed Israel Aerospace Industries (IAI) and ourselves to jointly develop a Supplemental Type Certificate (STC). IAI later dropped out of the programme while we went on to manage the programme and engineering development of the STC.

The first 757 conversion work was undertaken for DHL. In 2001, together with Boeing, we delivered the first production 757 Special Freighter to DHL. By 2004, all 17 aircraft were redelivered to DHL.

ST Aerospace now offers the 14-pallet, 14½-pallet and 15-pallet configurations to suit different customers' requirements.

## ST Aerospace's PTF Conversion Milestones





Also, ST Aerospace holds a US Federal Aviation Administration (FAA) awarded STC for the 14-pallet configuration. This STC was developed in-house by our Engineering & Development team using original manufacturer licensed data, and is the only 757-200 PTF STC based on Boeing's data. ST Aerospace was awarded the STC on 2 April 2008, a mere 11 months from aircraft induction to STC approval. We recently obtained two STCs from the Civil Aviation Administration of China (CAAC) and Transport Canada respectively. These STCs were developed based on our existing FAA-approved STC.

Besides PTF conversions, ST Aerospace was also involved in the development of a unique multi-role combination solution for two Royal New Zealand Air Force's (RNZAF)

757-200 aircraft. The configuration allowed for the carriage of passengers, freight, mixed passenger-freight, Very-Important-Persons and Aero-Medical Evacuation. Although the work was conducted for a defence operator, the design, modification and certification were performed in accordance with the FAA STC process. Both RNZAF aircraft were successfully redelivered with enhanced capabilities and are now in operational service.

For our innovative and adaptive engineering design, ST Aerospace was awarded the Defence Industry Award of Excellence by the Defence Industry Committee of New Zealand. The award is a testimony of ST Aerospace's expertise, experience and engineering finesse.

